

DATE: March 19, 1981

SUBJECT: Errata Sheet for the Manual, "Prescribed Procedures for Measurement of Radioactivity in Drinking Water," EPA-600/4-80-032, August 1980, Environmental Monitoring and Support Laboratory, Cincinnati, Ohio 45268

Page 5, 1st line. Change (dpm/cpm) to (cpm/dpm).

Page 8, Section 10.4., second line. Change the spelling to "laboratory."

Page 13, Section 9.3, change the "R" to "P".

Page 19, Add "summation sign (Σ)" to

$$\sqrt{\frac{\Sigma x^2 - \frac{(\Sigma x)^2}{N}}{N-1}}$$

Page 27, Delete 5.1.

Page 28, Delete 7.1 and 7.2 and replace with:

7.1 With commercially available calibrated standards, geometric configurations are to be prepared comparable to the final separated sample so that the efficiency factors (cpm/dpm) for the beta and the beta-gamma coincidence counters can be determined.

Page 46, Section 9.1, Change $\frac{t_3}{1-e^{-\lambda t_3}}$ to $\frac{\lambda t_3}{1-e^{-\lambda t_3}}$

Page 52, Section 8. Delete the superscript "1".

Page 53, Step 8.16. Delete "discard supernate" and substitute "add to supernate in beaker from step 8.15 for Barium yield."

Page 63, Step 8.9 - 4th line. Delete "5 ml 15N NH₄OH" and substitute "6N NH₄OH dropwise to the alkaline endpoint of phenolphthalein."

Page 64, Disregard note after Step 8.9.

Page 65, Step 8.14. Delete "10 ml 15N NH₄OH to the centrifuge tube" and substitute "6N NH₄OH dropwise to the alkaline endpoint of phenolphthalein."

Page 68, Add to top of page, a = strontium recovery factor,
b = yttrium recovery factor.

Page 77, Section 7.1.1, line 4 and 5. Delete "and standard tritium activity."

Page 87, Section 6.9. Change 50.4g to 90.4g.